

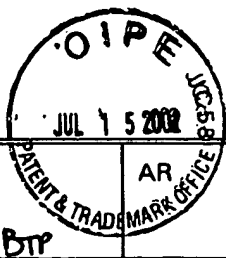


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BTP	BL	Kiang, N.Y.S., Liberman, M.C., Sewell, W.F., and Guinan, J.J., Single unit clues to cochlear mechanisms. Hear. Res. 22, 171-182 (1986)
	BM	Levitt, H., Pickett, J.M., and Houde, R.A., Sensory Aids for the Hearing Impaired. IEEE Press, NY. (1980)
	BN	Lin, T., Quantitative Modeling of Nonlinear Auditory-Nerve Responses as Two-Factor Interactions. Abstract and Table of Contents for D.Sc. Dissertation supervised by J.L. Goldstein, Sever Inst. of Technology, Washington Univ., St. Louis, MO.
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	BQ	Mountain, D.C., Changes in endolymphatic potential and crossed olivocochlear stimulation alter cochlear mechanics. Science 210, 71-72 (1980)
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	BS	Murugasu, E., and Russell, I.J., The effect of efferent stimulation on basilar membrane displacement in the basal turn of the guinea pig cochlea. J. Neurosci. 16 (1), 325-332 (1996)
	BT	Neuman, A., Bakke, M.A., Mackersie, C., Hellman, S., and Levitt, H., The effect of compression ratio and release time on the categorical rating of sound quality. J. Acoust. Soc. A. 103 (5), 2273-2281 (1998)
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	BV	Plack, C.J., and Oxenham, A.J., Basilar membrane nonlinearity estimated by pulsation threshold. J. Acoust. Soc. Am. 107 (1), 501-507 (2000)
	BW	Plomp, R., The negative effect of amplitude compression in multichannel hearing aids in the light of the modulation-transfer function. J. Acoust. Soc. Am. 83 (6), 2322-2327 (1988)
	BX	Ruggero, M.A., Robles, L. and Rich, N.C., Two-tone suppression in the basilar membrane of the cochlea: Mechanical basis of auditory-nerve rate suppression. J. Neurophys. 68, 1087-1099 (October 1992)
	BY	Sachs, M.B., and Young, E.D., Effects of nonlinearities on speech encoding in the auditory nerve. J. Acoust. Soc. Am. 68 (3), 858-875 (1980)
	BZ	Skinner, M.W., Speech intelligibility in noise-induced hearing loss: Effects of high-frequency compensation. J. Acoust. Soc. Am. 67 (1), 306-317 (1980)
	CA	Soli, S.D., Hearing aids: today and tomorrow. Echoes: The newsletter of The Acoustical Society of America, Vol. 4, no. 3 (1994)
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BTP	AS	Goldstein, Cochlear Signal Processing for Compression and Gain Control Extends Dynamic Range and Preserves Temporal Modulation, <i>NIDCD/VA Hearing Aid Research and Development Conference</i> , September 22-24, 1997
	AT	Goldstein, Relations among compression, suppression, and combination tones in mechanical responses of the basilar membrane: data and MBPNL model, <i>Hearing Research</i> 89:52-68 (1995)
	AU	Killion, M., and Fikret-Pasa, S., The 3 Types of Sensorineural Hearing Loss: Loudness and Intelligibility Considerations, <i>The Hearing Journal</i> 46(11):31-34 (1993)
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	AW	Plomp, Noise, Amplification, and Compression: Considerations of Three Main Issues in Hearing Aid Design, <i>Ear &amp; Hearing</i> 15(1):2-12 (1994)
	AX	Villchur, Comments on "Compression? Yes, But for Low or High Frequencies, for Low or High Intensities, and with What Response Times?", <i>Ear &amp; Hearing</i> , 18(2):169-171 (1997)
	AY	Abbas, P.J. and Sachs, M.B., Two-tone suppression in auditory-nerve fibers: Extension of stimulus response relationship. <i>J. Acoust. Soc. Am.</i> 59, 112-122 (1976)
	AZ	Allen, J.B., Hall, J.L., and Jeng, P.S., Loudness growth in 1/2-octave bands (LGOB) - A procedure for the assessment of loudness. <i>J. Acoust. Soc. Am.</i> 88, 745-753 (1990)
	BA	Bilger, R.C., Nuetzel, J.M., Rabinowitz, W.M., and Rzeckowski, C., Standardization of a test of speech perception in noise. <i>J. Speech Hear. Res.</i> 27, 32-48 (1984)
	BB	Deng, L. and Geisler, C.D., Responses of auditory-nerve fibers to nasal consonant-vowel syllables. <i>J. Acoust. Soc. Am.</i> 82, 1977-1988 (1987)
	BC	Duifhuis, H., Cochlear nonlinearity and second filter: Possible mechanism and implications. <i>J. Acoust. Soc. Am.</i> 59, 408-423 (1976)
	BD	Duifhuis, H., Level effects in psychophysical two-tone suppression. <i>J. Acoust. Soc. Am.</i> 67, 914-927 (1980)
	BE	Engbretson, A.M., Morley, R.E., and Popelka, G.R., Development of an ear-level digital hearing aid and computer assisted fitting procedure. <i>J. Rehab. Res. Devel.</i> , 24 (4), 55-64 (1987)
	BF	Gifford, M.L., and Guinan, J.J., Effects of crossed-olivocochlear-bundle stimulation on cat auditory nerve fiber responses to tones. <i>J. Acoust. Soc. Am.</i> 74, 115-123 (1983)
	BG	Goldstein, J.L., Hearing Aids Based on Models of Cochlear Compression. NIDCD SBIR Phase II Grant Application: Phase-I Grant No. 1R43 DC04028, filed with U.S. Department of Health & Human Services Public Health Service (Unpublished)
	BH	Goldstein, J.L., Valente, M., Chamberlain, R., Gilchrist, P., and Ivanovich, D., Pilot experiments with a simulated hearing aid based on models of cochlear compression. <i>IHCON 2000</i> , Lake Tahoe, CA (8/24/2000)
	BI	Goldstein, J.L., Valente, M., Chamberlain, R., Acoustic and psychoacoustic benefits of adaptive compression thresholds in hearing aid amplifiers that mimic cochlear function. <i>J. Acoust. Soc. Am.</i> vol. 109, p. 2355 (2001)
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BTP	Watson, N.A., and Knudsen, V.O., Selective amplification in hearing aids. J. Acoust. Soc. Am. 11, 406-419 (1940)
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